Anti-PLCB3 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015661

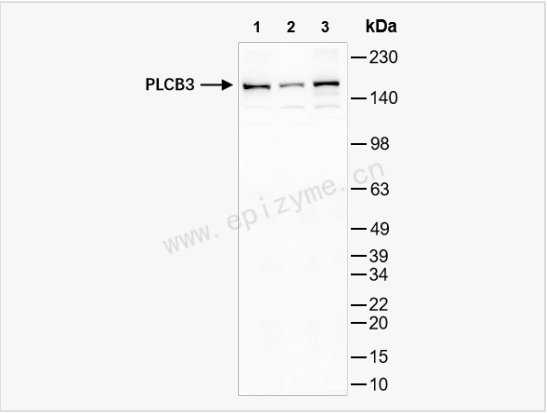
Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	42E03G07
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PLCB3
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-PLCB3 Rabbit mAb [42E03G07] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase beta 3; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase beta-3; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-beta-3; Phospholipase C beta 3; Phospholipase C beta 3 (phosphatidylinositol specific); Phospholipase C-beta-3; PLC beta 3; PLC-beta-3; Plcb3; PLCB3_HUMAN.
Calculated MW	Calculated MW: 139 kDa; Observed MW: 150 kDa
Uniprot ID	Q01970
Gene ID	5331
Background	This gene encodes a member of the phosphoinositide phospholipase C beta enzyme family that catalyze the production of the secondary messengers diacylglycerol and inositol 1,4,5-triphosphate from phosphatidylinositol in G-protein-linked receptor-mediated signal transduction. Alternative splicing results in multiple transcript variants.[provided by RefSeq, May 2010]
Cellular Location	Membrane.

Validation Images



Western Blot - Anti-PLCB3 Rabbit mAb [42E03G07]
All lanes: R015661 at 1:1,000 dilution
Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates
Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates
Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 139 kDa
Observed band size: 150 kDa
Developed using the ECL technique (Cat. No. SQ201).